

Material Safety Data Sheet (MSDS)

MSDS No.: 2026061017E

Creation Date: June 10,2026

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1. Identification of the Substances/Preparation and of the Company/Undertaking

Product Identification:

Product Name: Tile adhesive

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Tile laying.

Use advised against: No data available.

Details of the Manufacturer or supplier

Supplier: CHANGSHA SENTOL NOVEL MATERIALS CO., LTD.

Address: Longping Hi-Tech Park, Furong District, Changsha,
Hunan Province, China

Telephone: +86 17707316755

Email: lilianhe0105@gmail.com

Emergency telephone number

Emergency Telephone: +86 17707316755

2. Hazards Identification

Classification of the substance or mixture

GHS Classification: Skin corrosion, category 1C;

Eye damage, category 1;

Hazardous to the aquatic environment, acute hazard, category 2;

Hazardous to the aquatic environment, long-term hazard, category 2.

GHS Label elements, including precautionary statements

GHS Labels:

Pictogram(s):



Signal Word: Danger

Hazard Statement: H314: Causes skin burn and serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

Prevention precautionary P260: Do not breathe dust/fume/gas/mist/vapours/spray

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statements:

P264: Wash thoroughly after handling.

P273: Avoid release to the environment

P280: Wear protective gloves/ eye protection/ face protection.

Response Precautionary Statements:

P310: Immediately call a POISON CENTER or doctor/physician.

P363: Wash contaminated clothing before reuse.

P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.

P391: Collect spillage.

Storage Precautionary Statements:

P405: Store locked up.

Disposal Precautionary Statements:

P501: Dispose of contents and container in accordance with local/regional/national /international regulations.

Description of any hazards not otherwise classified

None. See section 11 for more detailed information on health effects and symptoms.

3. Composition/Information on Ingredients

Chemical Characterization

Mixture. Consist of the following ingredients.

Composition:

Components Name	CAS#	Weight (%w/w)
Stearylamine	124-30-1	10-30%
Benzyl alcohol	100-51-6	0-5%
Silicon dioxide	14808-60-7	35-55%
Calcium carbonate	471-34-1	40-60%

4. First-Aid Measures

Description of first aid measures:

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

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- Eye Contact:** Consult a doctor/medical service. Rinse immediately with plenty of water for 15 minutes. Remove contact lenses if present and easy to do - continue rinsing. Do not apply neutralizing agents.
- Skin Contact:** Consult a doctor/medical service. Wash immediately with lots of water and soap for 15 minutes. Remove clothing while washing.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor/medical service if breathing problems develop
- Ingestion:** Do NOT induce vomiting. If the person is conscious, wash out mouth with water. Immediately give lots of water to drink(at least 500ml) Never give anything by mouth to an unconscious person. Seek medical attention immediately.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry powder or carbon dioxide.

Unsuitable extinguishing media: No known.

Special hazards arising from the substance or mixture

Corrosive liquid. High thermal decomposition products - Carbon oxides, nitrogen oxides, etc..

Advice for firefighters

Evacuate personnel to safe areas. As in any fire, Wear self-contained breathing apparatus and full protective gear for firefighting.

Further information

Collect fire extinguishing water to avoid release to environment.

6. Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

Personal precautions, protective equipment and emergency procedures:

Evacuate area. Ventilate area. Use personal protective equipment: Chemical protection suit including

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self-contained breathing apparatus. Avoid contact with skin and eyes. Do not breathe vapors or gas. For personal protection see section 8.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up:

Isolation leakage contaminated areas, restrict access. Do not touch the broken containers and spills before wearing suitable protective equipment. Cut off the source of leakage if safe. Small leak: use inert, non-combustible material to absorb spill with a clean tools and put in suitable container. Large Leak: embank and contain spillage. To prevent leakage into the water, sewers, basements or confined spaces. Clear under the guidance of experts. For disposal see section 13. Flush contaminated areas with large amounts of water and direct rinsings to chemical sewer or collect for treatment.

7. Handling and Storage

Precautions for safe handling:

Use in well-ventilated area.

Avoid splashing of material. Safety showers should be readily available in handling and storage areas. Eye wash fountains should be located in the work areas and should be immediately accessible for emergency use.

Use appropriate, approved safety equipment, see section 8.

Avoid contact with skin and eyes. Avoid breathing vapor or mist.

Keep container tightly closed when not in use.

Do not eat, drink or smoke at the workplace.

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Containers may have hazardous residue after empty.

For precautions see section 2.

Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from incompatible materials and foodstuff. Storage areas should be equipped with suitable tools and containers to contain spillage.

8. Exposure Controls/Personal Protection

Exposure Limits: Not established.

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Exposure controls

Engineering Control: General industrial hygiene practice. Provide appropriate exhaust ventilation.
Provide safe shower and eye wash fountain.

Personal protective equipment:

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eyes Protection: Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hands Protection: Handle with chemical-resistant gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Other Protections: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance	Paste.
Color	Green.
Odor	Weak odor.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability	Not flammable.
Upper explosive limit %(V/V)	Not available.

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Lower explosive limit %(V/V)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.
Ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and Reactivity

Stability: Stable under normal storage temperature and pressure.

Conditions to Avoid: Overheat.

Incompatible materials: Strong oxidizing agents.

Hazardous Decomposition Products: Other decomposition products- no data available. In the event of fire:see section 5.

Possibility of hazardous reactions: No known hazardous reaction under normal condition.

11. Toxicological Information

Acute Toxicity: No data available.

Skin Corrosion/Irritation: Causes severe skin burns.

Serious Eye Damage/Eye Irritation: Causes serious eye damage.

Respiratory or Skin Sensitization Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity: None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA.

Reproductive Toxicity: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Single Exposure (Globally) Based on available data, the classification criteria are not

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Harmonized System): met.

Specific Target Organ Toxicity - Based on available data, the classification criteria are not
Repeated Exposure (Globally met.
Harmonized System):

Aspiration Hazard: Based on available data, the classification criteria are not met.

Potential Health Effects:

Inhalation: Effects of inhalation are irritation that may lead to chemical pneumonitis and pulmonary edema. Causes severe irritation of upper respiratory tract with coughing, burns, breathing difficulty, and possible coma.

Skin Contact: Causes skin burns. May cause deep, penetrating ulcers of the skin.

Eye Contact: Causes severe eye burns. May cause irreversible eye injury.

Ingestion: May cause circulatory system failure. May cause perforation of the digestive tract. Causes severe digestive tract burns with abdominal pain, vomiting, and possible death.

12. Ecological Information

Toxicity

The chemicals are corrosive and can cause burns if they come into contact with animals.

Persistence and degradability

No data available.

Bioaccumulative potential

No bioaccumulative potential

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects

Toxic to aquatic life with long lasting effects. Avoid products flowing into sewers and water ways.

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13. Disposal Considerations

Waste treatment methods

Product

Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company.

Observe according to the national and local related regulations.

Contaminated packaging

Containers may still present chemical hazard when empty. Return to supplier for recycling if possible.

14. Transport Information

UN-Number

ADR/RID/ADN, IMDG, IATA 3259

UN proper shipping name

ADR/RID/ADN, IMDG, IATA AMINES, SOLID, CORROSIVE,N.O.S.

Transport hazard class(es)

ADR/RID/ADN, IMDG, IATA 8

Class

Label



Packing group

ADR/RID/ADN, IMDG, IATA III

Environmental hazards

Marine pollutants (Yes/No): Yes.

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex 1 of

No data available.

Marpol and the IBC Code

15. Regulatory Information

International Regulations

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Safety, health and environmental regulations/legislation specific for the substance or mixture

No information available.

Chemical safety assessment

For this product a chemical safety assessment was not carried out.

16. Other Information

Further Information:

·This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

·This safety data sheet was prepared in accordance with Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Rev.11.

Department Issuing MSDS: CHANGSHA SENTOL NOVEL MATERIALS CO., LTD.

Issue Date: June 10,2026

*****End*****